

GROUP MEMBERS:

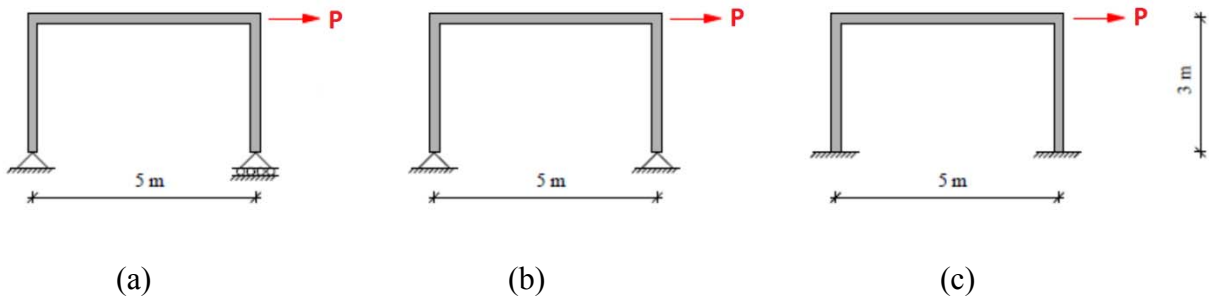
CE 8060 – STRUCTURAL DYNAMICS
Homework #3

Assigned: Tuesday, August 26, 2014
Due: Thursday, August 28, 2014 (beginning of class)

Homework must be done neatly in pencil, on 8 ½"x 11" paper, stapled together. Each step must be easily followed; diagrams are useful. Your assumptions must be clearly stated.

Make Sure to Include The Cover Page!

Make Sure to Write Both Group Members' Names!



Calculate the stiffness of the frame in the direction of the load for each of the three portal frames shown above assuming uniform E and I . Show all of your calculations for full credit.